



### Content of the Kit:

- DIY Hi-Fi Amplifier Kit 400W PRO (1 x 400W RMS)
- User manual – English and the Electronic Draw of the Kit
- One set of connectors:
  - 8 x Mica Insulators, 8 x Screws, 4 x Connectors + 1 Audio IN



### Applications:

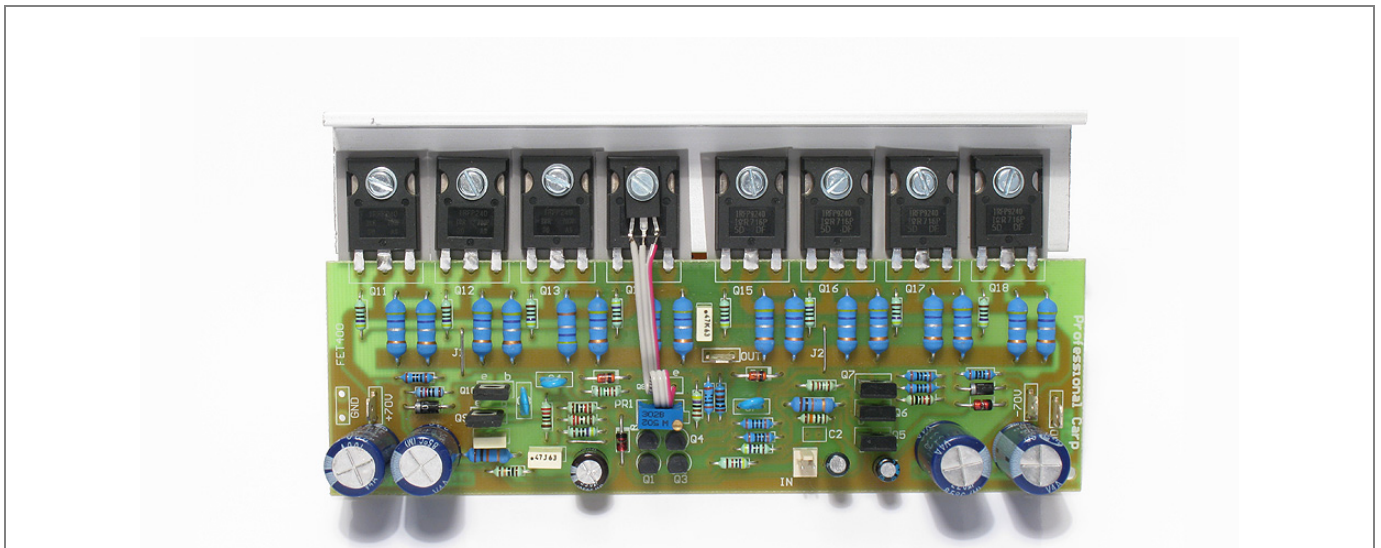
- “DIY Hi-Fi 400W PRO” Kit it’s recommended for high quality and high power sound applications and projects, like 5.1, 2.1 or stereo sound systems. His characteristics recommend it also for low and high frequency sound systems with equal performances and results.

### Advantages:

- PCB board type FR4 y 35μ
- Dimension of PCB board: 165 x 51 mm
- Constant output power: max 600 Watts RMS (1 x 600W RMS @ 10% THD)
- Very low total distortion (THD).
- Class AB amplifier type designed with FETMOS transistors type: 4 x IRFP 240 y 4 x IRFP 9240
- Bridgeable configuration for Extreme Power – Up to 800W @ 4 Ohm @ 0.5% THD
- Audio IN level for maxim output power:  $V_{in} = 1 V_{pp}$
- Very easy to mount in an amplifier enclosure or to adapt in a complex sound project

### Characteristics:

- Double supply voltage: (min.  $\pm 30V$  ... max.  $\pm 70V$  DC)
- Drain current: max. 6A
- Quiescent drain current: 60... 120 mA
- Output power (Watts RMS) for 0.5% total distortion:
  - $V_{in} 1V_{pp}$ ,  $V_{cc} = \pm 70 V$ ,  $R_{out} = 8 \text{ Ohm}$  - 263 Watts
  - $V_{in} 1V_{pp}$ ,  $V_{cc} = \pm 70 V$ ,  $R_{out} = 6 \text{ Ohm}$  - 350 Watts
  - $V_{in} 1V_{pp}$ ,  $V_{cc} = \pm 70 V$ ,  $R_{out} = 4 \text{ Ohm}$  - 406 Watts
- Power bandwidth: 16Hz... 35KHz. ( $\pm 3dB$ )





 **Módulos – DIY Amplificadores** | **Modelo:** FET400 PRO | **Descripción:** DIY Amplificador Hi-Fi 400W PRO

### Contenido del Kit:

- Módulo DIY Amplificador 400 Vatios PRO (1 x 400W RMS)
- Manual del Usuario – español y Esquema Electrónico del Kit
- Un set de conectores:
  - 8 x Mica Aislante, 8 x Tornillos, 4 x Conectores + 1 Audio IN



### Aplicación:

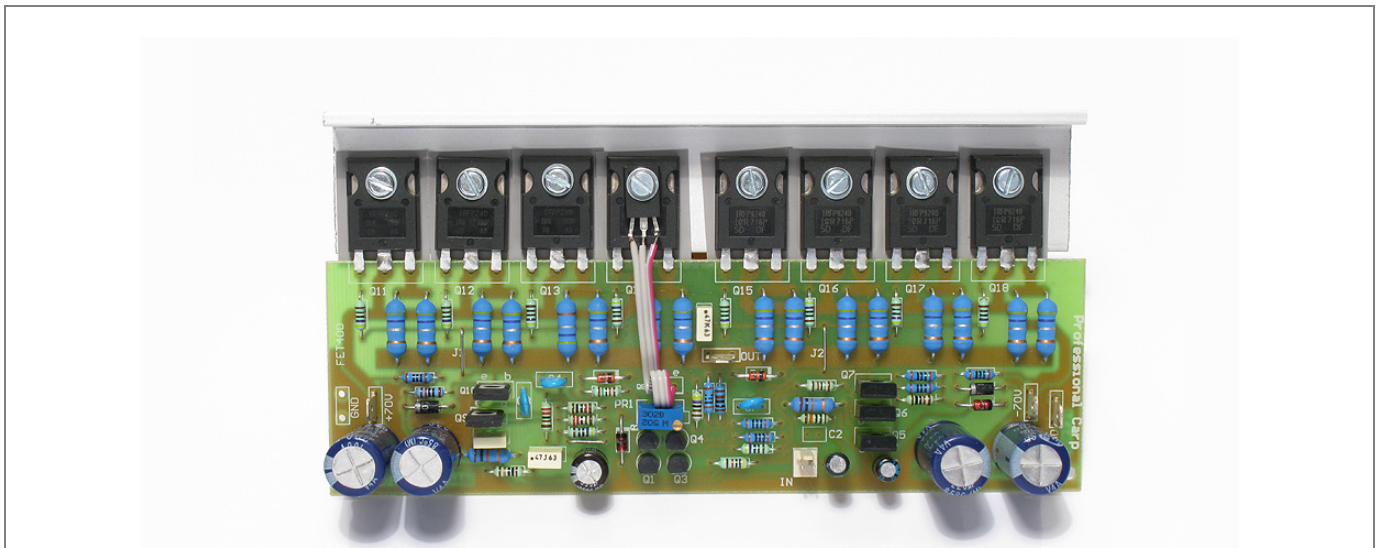
- El módulo “DIY Amplificador Hi-Fi 400W PRO” se recomienda para aplicaciones de alta calidad y potencia del sonido en aplicaciones como etapas de potencia para sistemas 5.1, 2.1 o Estéreo. Se recomienda para todo el espectro de frecuencias audio.

### Ventajas:

- Circuito impreso FR4 y 35 $\mu$
- Dimensión del circuito impreso: 165 x 51 mm
- Potencia de salida constante: hasta 600 Vatios RMS (1 X 600W RMS @ 10% THD)
- Distorsión armónica total muy baja (THD)
- Amplificador clase AB construido con transistores FETMOS tipo: 4 x IRFP 240 y 4 x IRFP 9240
- Muy fácil de montar 2 Kits en Puente – Hasta 800W @ 4 Ohm @ 0.5% THD
- Nivel Audio IN de entrada para una Máxima Potencia de salida:  $V_{in} = 1 V_{pp}$
- Muy fácil de montar en caja, o de adaptar en un montaje complejo de sonido

### Características:

- Tensión de alimentación doble: (min.  $\pm 30V$  ... max.  $\pm 70V$  DC)
- Consumo: máx.: 6A
- Consumo en reposo (sin señal): 60... 120 mA
- Potencia de salida (Vatios RMS) con distorsión armónica total de 0.5%:
  - $V_{in} 1V_{pp}$ ,  $V_{cc} = \pm 70 V$ ,  $R_{out} = 8 \text{ Ohm}$  - 263 Vatios
  - $V_{in} 1V_{pp}$ ,  $V_{cc} = \pm 70 V$ ,  $R_{out} = 6 \text{ Ohm}$  - 350 Vatios
  - $V_{in} 1V_{pp}$ ,  $V_{cc} = \pm 70 V$ ,  $R_{out} = 4 \text{ Ohm}$  - 406 Vatios
- Respuesta en frecuencia: 16Hz... 35KHz. ( $\pm 3dB$ )





**🇫🇷 Kits – DIY Amplificateurs Hi-Fi | Model: FET400 PRO | Description: DIY Amplificateur Hi-Fi 400W PRO**

### Contenu du Kit:

- Kit DIY Amplificateur Hi-Fi 400W PRO (1 x 400W RMS)
- Manuel de l'utilisation – English, avec schème électronique du Kit
- Un ensemble de connecteurs:
  - 8 x Mica Isolateurs, 8 x Vis de fixation, 4 x Connecteurs + 1 Audio IN



### Applications:

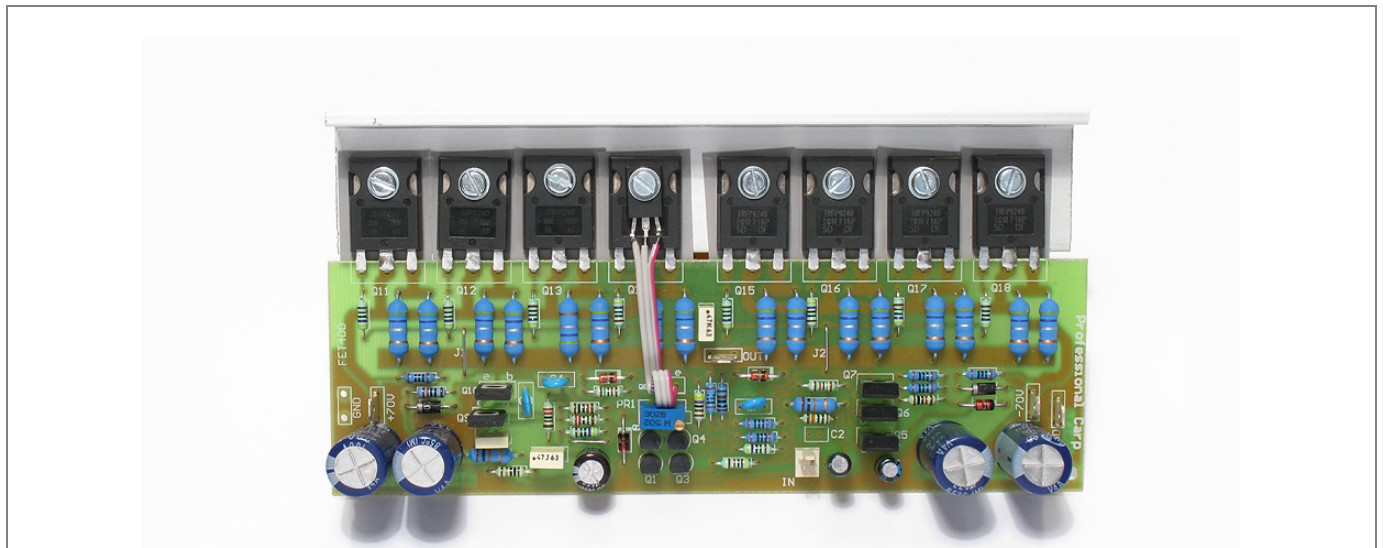
- “DIY Amplificateur Hi-Fi 400W PRO” Kit il a recommandé pour haut des applications saines de qualité et projets, comme 5.1, 2.1 ou systèmes de son stéréo. Ses caractéristiques le recommandent également pour le bas et salut les systèmes sains de fréquence avec des exécutions et des résultats égaux.

### Avantages:

- PCB circuit imprimé type FR4 et 35 $\mu$
- Dimension du circuit imprimé PCB: 165 x 51 mm.
- Puissance de sortie: max. 600 Watts RMS (1 x 600W RMS @ 10% THD)
- Très bas total distorsion (THD)
- Amplificateur class AB fait avec le type de transistors de FETMOS: 4 x IRFP 240 y 4 x IRFP 9240
- Bridgeable amplificateur configuration pour Extreme Power – Up to 800W @ 4 Ohm @ 0.5% THD
- Audio IN niveau pour Maximum Output Power:  $V_{in} = 1 V_{pp}$
- Très facile du mont dans clôture amplificateur ou pour s'adapter dans un projet sain complexe

### Caractéristiques:

- Tension d'alimentation double: (min.  $\pm 30V$  ... max.  $\pm 70V$  DC)
- Consommation max. 6A
- Consommation en Stand-by: 60... 120 mA
- Puissance maxi (Watts RMS) pour THD totale de 0,5%:
  - $V_{in} 1V_{pp}$ ,  $V_{cc} = \pm 70 V$ ,  $R_{out} = 8 \text{ Ohm}$  - 263 Watts
  - $V_{in} 1V_{pp}$ ,  $V_{cc} = \pm 70 V$ ,  $R_{out} = 6 \text{ Ohm}$  - 350 Watts
  - $V_{in} 1V_{pp}$ ,  $V_{cc} = \pm 70 V$ ,  $R_{out} = 4 \text{ Ohm}$  - 406 Watts
- Réponse en fréquences: 16Hz... 35KHz. ( $\pm 3dB$ )

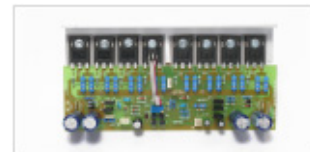




 **Kit – DIY Amplificatore Hi-Fi** | **Modello:** FET400 PRO | **Descrizione:** DIY Amplificatore Hi-Fi 400W PRO

### Contenuto del Kit:

- Kit DIY Amplificatore 400 Watts PRO (1 x 400W RMS)
- Manuale utente in Italiano, con Schemi Elettronici di montaggio
- Un set di cavi di connessione:
  - 8 x Isolatori Mica, 8 x Screws, 4 x Connettori + 1 Audio IN



### Applicazioni:

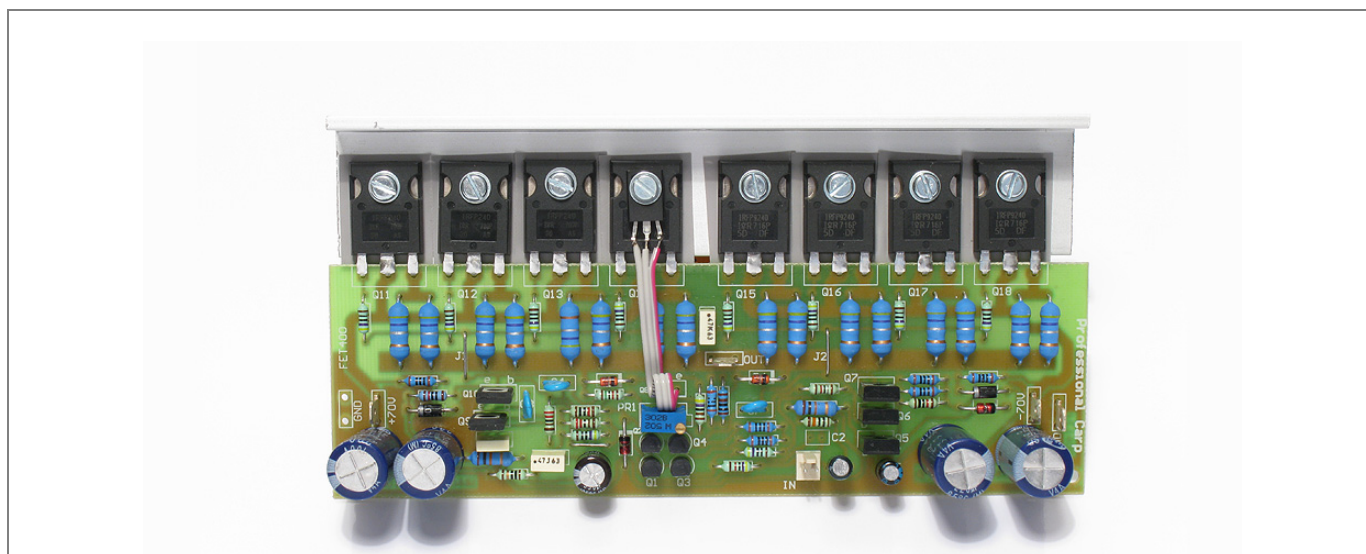
- Il “DIY Amplificatore Hi-Fi 400W PRO” Kit da noi proposto è da noi raccomandato per la ottima qualità del suono qualunque siano le vostre necessità, come 5.1, 2.1 o altri sistemi stereo. Le sue caratteristiche lo suggeriscono inoltre per il livello basso e alti sistemi sani di frequenza con le prestazioni ed i risultati uguali.

### Vantaggi:

- Scheda PCB, tipo FR4 a 35 $\mu$
- Dimensioni della scheda PCB: 165 x 51 mm
- Potenza d’uscita costante: 600 Watts RMS (1 x 600W RMS @ 10% THD)
- Distorsione totale abbattuta a minimi livelli (THD)
- Tipo dell’amplificatore AB progettato con transistori FETMOS: 4 x IRFP 240 y 4 x IRFP 9240
- Bridgeable configuration for Extreme Power – Up to 800W @ 4 Ohm @ 0.5% THD
- Audio IN level for maxim output power:  $V_{in} = 1 V_{pp}$
- Montaggio molto facile del Kit en cabinet, oppure adattandolo personalmente alle proprie esigenze

### Characteristics:

- Doppia Alimentazione: (min.  $\pm 30V$  ... max.  $\pm 70V$  DC)
- Consumi: max. 6A
- Consumo en riposo (sin segnale): 60... 120 mA
- Potenza de uscita (Watt RMS) per una THD massima ammissibile del 0,5%:
  - $V_{in} 1V_{pp}$ ,  $V_{cc} = \pm 70 V$ ,  $R_{out} = 8 \text{ Ohm}$  - 263 Watts
  - $V_{in} 1V_{pp}$ ,  $V_{cc} = \pm 70 V$ ,  $R_{out} = 6 \text{ Ohm}$  - 350 Watts
  - $V_{in} 1V_{pp}$ ,  $V_{cc} = \pm 70 V$ ,  $R_{out} = 4 \text{ Ohm}$  - 406 Watts
- Risposta in frequenza: 16Hz... 35KHz. ( $\pm 3dB$ )

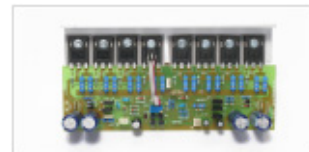




 **Kituri – DIY Amplificatoare Hi-Fi** | **Model: FET400 PRO** | **Descriere: DIY Amplificator Hi-Fi 400W PRO**

### Continutul Kitului:

- Kit DIY Amplificator Hi-Fi 400 Wați PRO (1 x 400W RMS)
- Manual de utilizare – Romana, împreună cu Schema Electronica a Kitului
- Un set de conectori:
  - 8 x Izolatoare Mica, 8 x Suruburi de fixare, 4 x Conectori + 1 Audio IN



### Aplicatii:

- Kitul “DIY Amplificator Hi-Fi 400W PRO” este recomandat pentru aplicații de înalta calitate a sunetului și pentru proiecte de sunet precum cele 5.1, 2.1 sau stereo. De asemenea caracteristicile foarte bune îl recomanda, pentru aplicații de frecvențe înalte și joase, cu performanțe egale.

### Avantaje:

- Circuit PCB de tipul FR4 și 35μ
- Dimensiunile plăcii PCB: 165 x 51 mm
- Putere de ieșire constantă: până la 600 Wați RMS (1 x 600W RMS @ 10% THD)
- Distorsiuni armonice totale mici (THD)
- Amplificator în clasa AB construit cu tranzistoare FETMOS: 4 x IRFP 240 și 4 x IRFP 9240
- Usor de montat în Punte pentru puteri de ieșire foarte mari – Până la 800W @ 4 Ohm @ 0.5% THD
- Nivelul de intrare Audio IN pentru Puterea de Ieșire Maximă :  $V_{in} = 1 V_{pp}$
- Foarte ușor de montat într-o cutie de amplificator sau de adaptat într-un proiect complex de sunet

### Caracteristici:

- Tensiunea de alimentare dubla: (min.  $\pm 30V$  ... max.  $\pm 70V$  DC)
- Curentul consumat: max. 6A
- Curentul consumat în gol: 60... 120 mA
- Puterea de ieșire (Wați RMS) cu 0,5% distorsiuni totale:
  - $V_{in} 1V_{pp}$ ,  $V_{cc} = \pm 70 V$ ,  $R_{out} = 8 \text{ Ohm}$  - 263 Wati
  - $V_{in} 1V_{pp}$ ,  $V_{cc} = \pm 70 V$ ,  $R_{out} = 6 \text{ Ohm}$  - 350 Wati
  - $V_{in} 1V_{pp}$ ,  $V_{cc} = \pm 70 V$ ,  $R_{out} = 4 \text{ Ohm}$  - 406 Wati
- Domeniul de frecvențe reprodus: 16Hz... 35KHz. ( $\pm 3dB$ )

